

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046091.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 17:56
 Operator : YP/AJ
 Sample : 03509-04MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-WWS-01-GMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: autoint1.e
 Quant Time: Jul 12 05:38:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.512	6717085	31.170 ug/ml
Spiked Amount 50.000		Recovery =	62.34%
6) S 2-Fluorobiphenyl (SURR)	8.366	3640070	26.301 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.60%
11) S ortho-Terphenyl (SURR)	11.405	5464776	21.555 ug/ml
Spiked Amount 50.000		Recovery =	43.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	4784227	19.206 ug/mlm
2) T Naphthalene (C11.7)	5.850	5526445	21.662 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	5588407	22.168 ug/ml
5) T Acenaphthylene (C15.06)	8.170	5889191	27.114 ug/ml
7) T Acenaphthene (C15.5)	8.466	5905333	25.052 ug/ml
8) T Flouorene (C16.55)	9.245	6630099	29.303 ug/ml
9) T Phenanthrene (C19.36)	10.636	6700197	31.401 ug/ml
10) T Anthracene (C19.43)	10.710	6417940	40.391 ug/ml
12) T Fluoranthene (C21.85)	12.441	7180730	35.087 ug/ml
13) T Pyrene (C20.8)	12.736	6646050	34.181 ug/ml
14) T Benzo[a]anthracene (C...	14.603	7578135	42.137 ug/ml
15) T Chrysene (C27.41)	14.647	7534099	38.385 ug/ml
16) T benzo[b]fluoranthene ...	16.147	8175589	43.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	7938136	40.131 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	7160907	41.100 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	8109583	43.575 ug/ml
20) T Dibenz[a,h]anthracene...	17.923	7485093	40.712 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	7733590	41.389 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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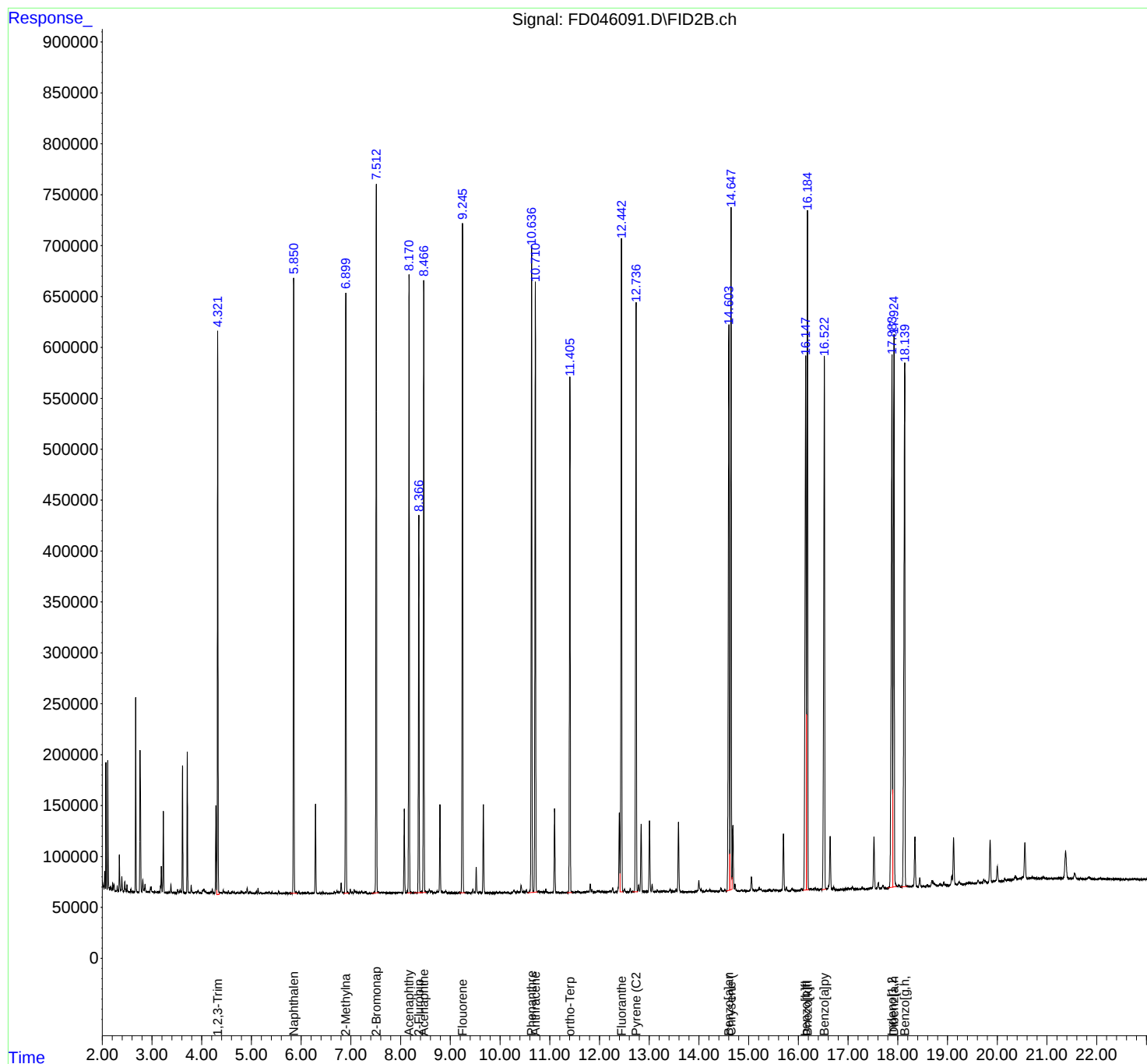
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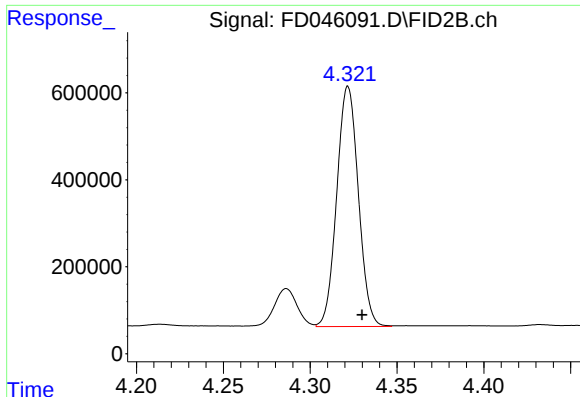
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.321 min
Delta R.T.: -0.009 min
Response: 4784227
Conc: 19.21 ug/ml

Instrument :

FID_D

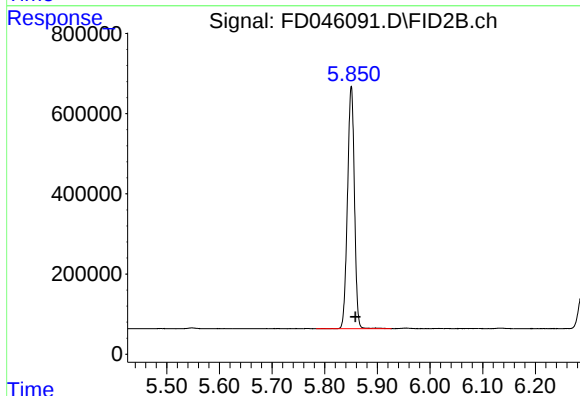
ClientSampleId :

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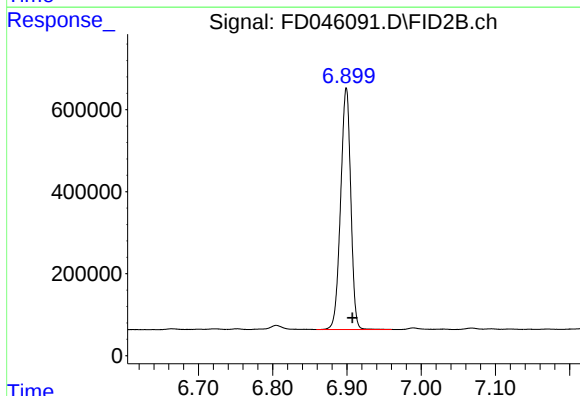
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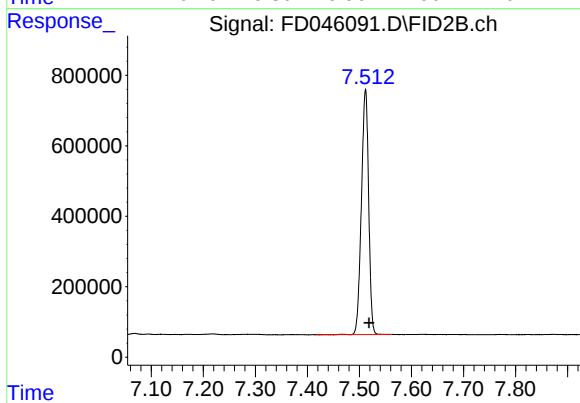
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: -0.008 min
Response: 5526445
Conc: 21.66 ug/ml



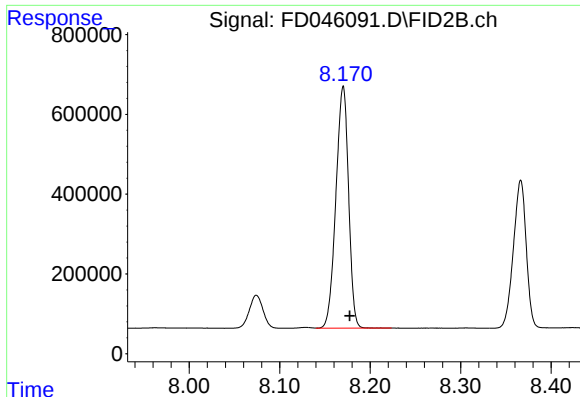
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: -0.008 min
Response: 5588407
Conc: 22.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.512 min
Delta R.T.: -0.007 min
Response: 6717085
Conc: 31.17 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 5889191
Conc: 27.11 ug/ml

Instrument :

FID_D

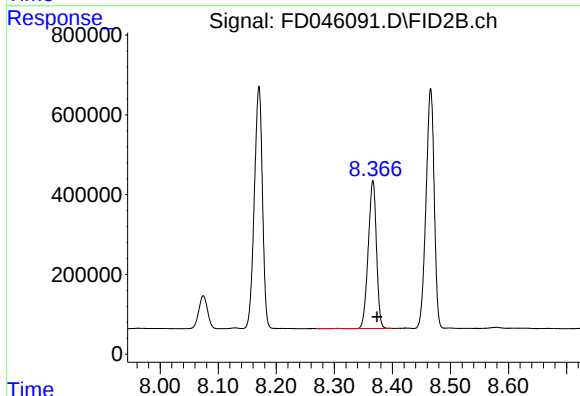
ClientSampleId :

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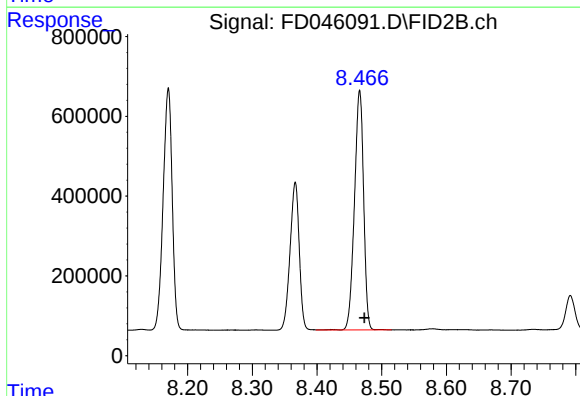
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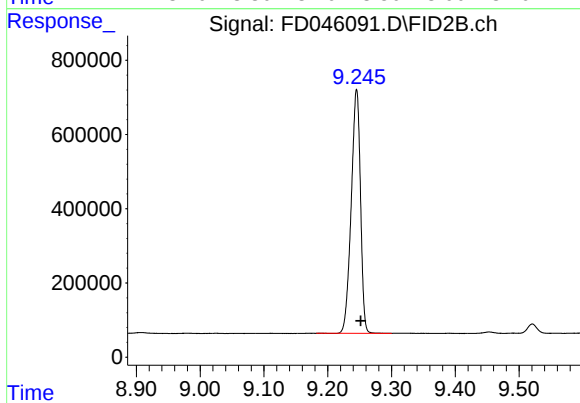
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.366 min
Delta R.T.: -0.007 min
Response: 3640070
Conc: 26.30 ug/ml



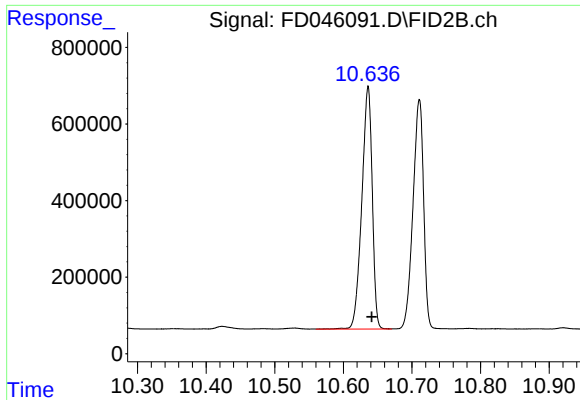
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 5905333
Conc: 25.05 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.245 min
Delta R.T.: -0.007 min
Response: 6630099
Conc: 29.30 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.636 min
Delta R.T.: -0.006 min
Response: 6700197
Conc: 31.40 ug/ml

Instrument :

FID_D

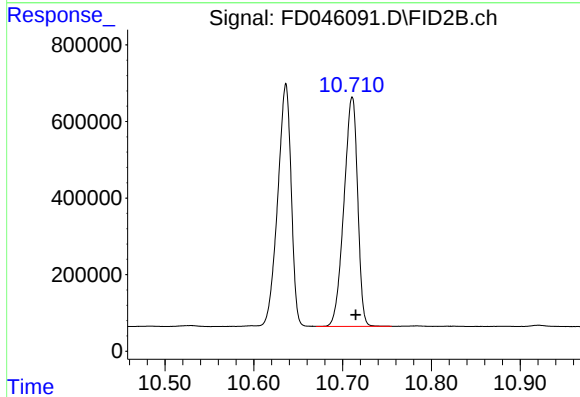
ClientSampleId :

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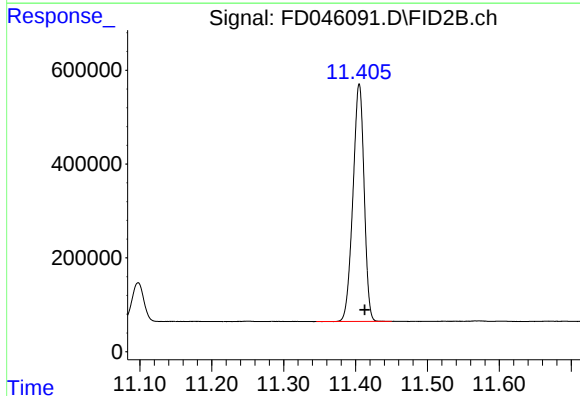
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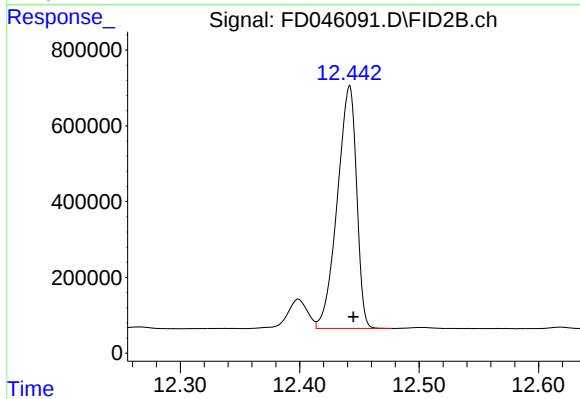
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: -0.004 min
Response: 6417940
Conc: 40.39 ug/ml



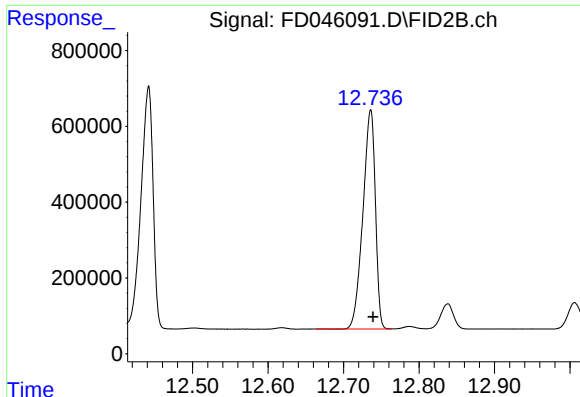
#11 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: -0.008 min
Response: 5464776
Conc: 21.56 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.441 min
Delta R.T.: -0.004 min
Response: 7180730
Conc: 35.09 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.736 min
Delta R.T.: -0.004 min
Response: 6646050
Conc: 34.18 ug/ml

Instrument :

FID_D

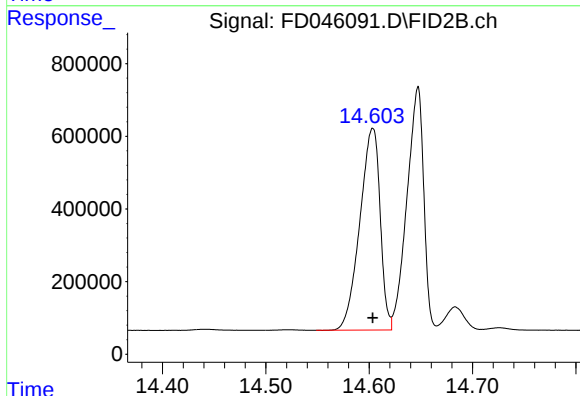
ClientSampleId :

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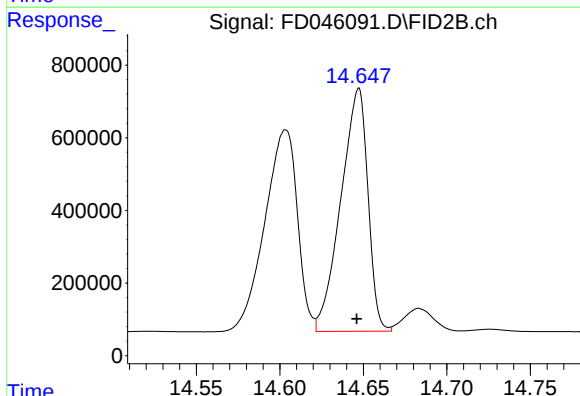
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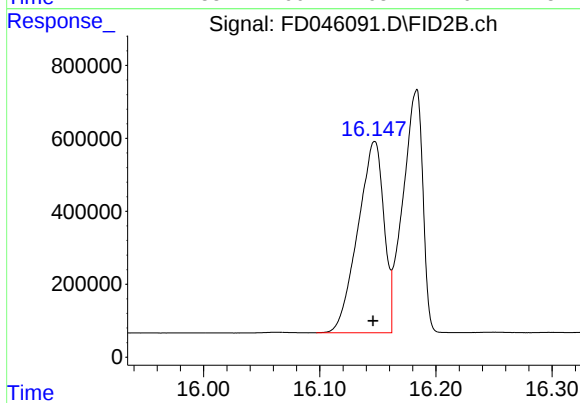
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 7578135
Conc: 42.14 ug/ml



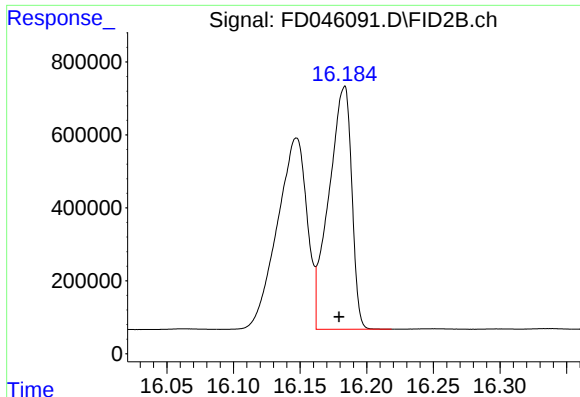
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 7534099
Conc: 38.39 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.147 min
Delta R.T.: 0.001 min
Response: 8175589
Conc: 43.59 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.182 min
Delta R.T.: 0.003 min
Response: 7938136
Conc: 40.13 ug/ml

Instrument :

FID_D

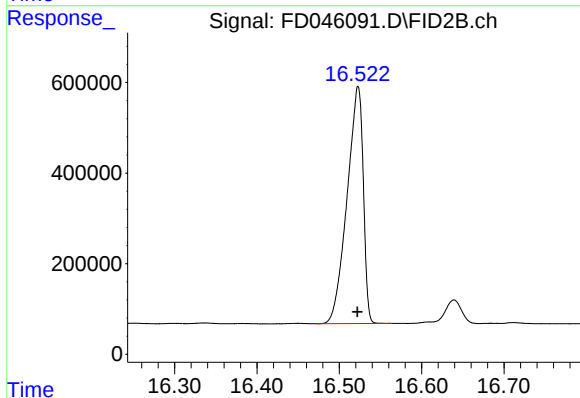
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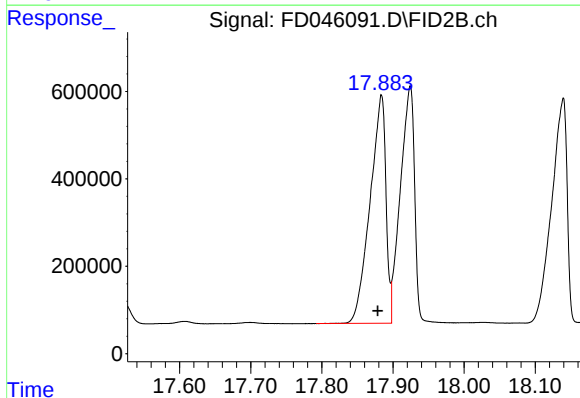
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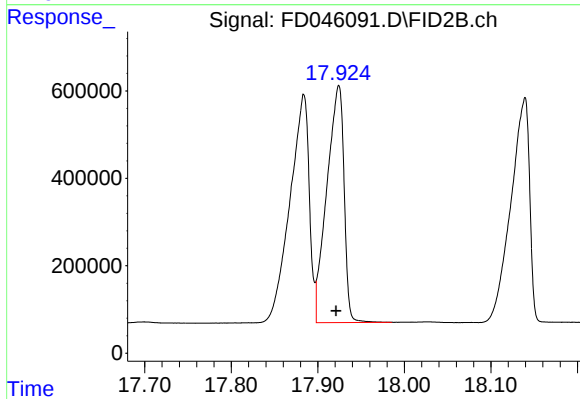
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: 0.000 min
Response: 7160907
Conc: 41.10 ug/ml



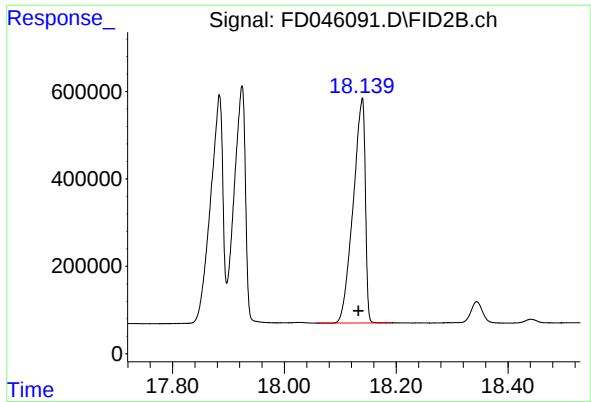
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.004 min
Response: 8109583
Conc: 43.58 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.923 min
Delta R.T.: 0.002 min
Response: 7485093
Conc: 40.71 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.138 min
Delta R.T.: 0.006 min
Response: 7733590
Conc: 41.39 ug/ml

Instrument :

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